Problem Statement

Java

Given the number of terms of series N. Write a Java program to calculate the sum of the series.

Example : For   N   ->   1 + 1/2 + 1/3 + 1/4 + 1/5 +…………1/N

Constraints :

$1 <= N <= 10^6$

Input Format :

First line of the input contains N.

Output Format :

Sum of series

Sample Input :

4

Sample Output :

2.083333333333333